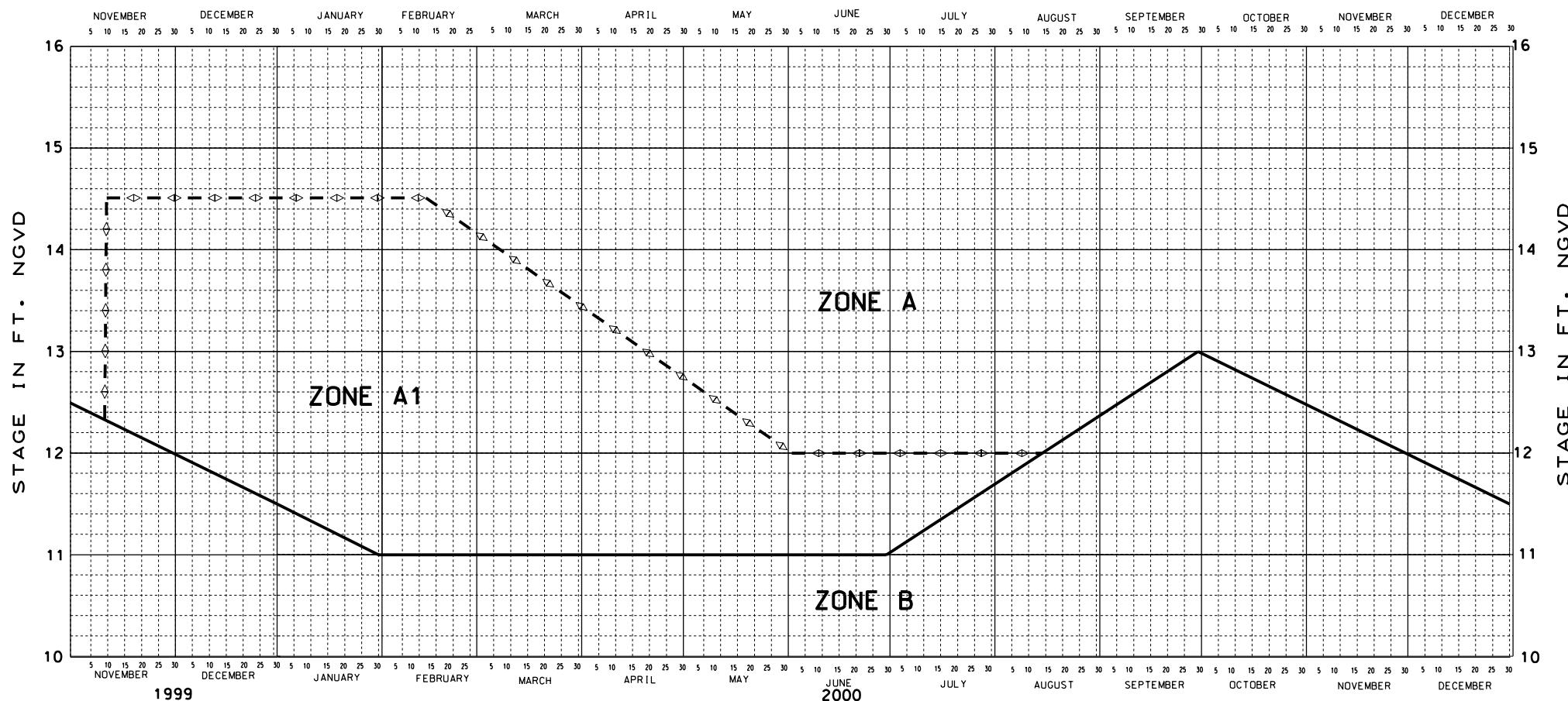


— ◊ — ◊ — ◊ — ◊ — ◊ ZONE A1 TEMPORARY DEVIATION FALL 1999 - SPRING 2000



ZONE	RELEASES THROUGH OUTLETS AS INDICATED
A	UP TO MAXIMUM CAPACITY AT S-11; MAXIMUM CAPACITY AT S-144, 145, & 146; MAXIMUM PRACTICABLE AT S-143 & S-38 WHEN REQUESTED BY THE CORPS OF ENGINEERS BUT NOT TO EXCEED 11.0 FT., NGVD, IN POOL 2B. L-35B & L-38 BORROW CANALS SHOULD NOT BE DRAWN DOWN BELOW 10.5 FT., NGVD. **
A 1	MAXIMUM CAPACITY AT S-144, 145, & 146; MAXIMUM PRACTICABLE RELEASES AT S-143 & S-38 WHEN REQUESTED BY THE CORPS OF ENGINEERS BUT NOT TO EXCEED 11.0 FT., NGVD, IN POOL 2B. L-35B & L-38 BORROW CANALS SHOULD NOT BE DRAWN DOWN BELOW 10.5 FT., NGVD. **
B	WATER SUPPLY. L-358 & L-38 BORROW CANAL SHOULD NOT BE DRAWN DOWN BELOW 10.5 FT., NGVD, UNLESS WATER IS SUPPLIED FROM ANOTHER SOURCE.

\*\*\* COORDINATE S-11 RELEASES WITH FGFWFC TO TRY TO MINIMIZE ADVERSE IMPACTS TO ROOKERIES AND TREE ISLANDS DOWNSTREAM OF THE S-11'S.

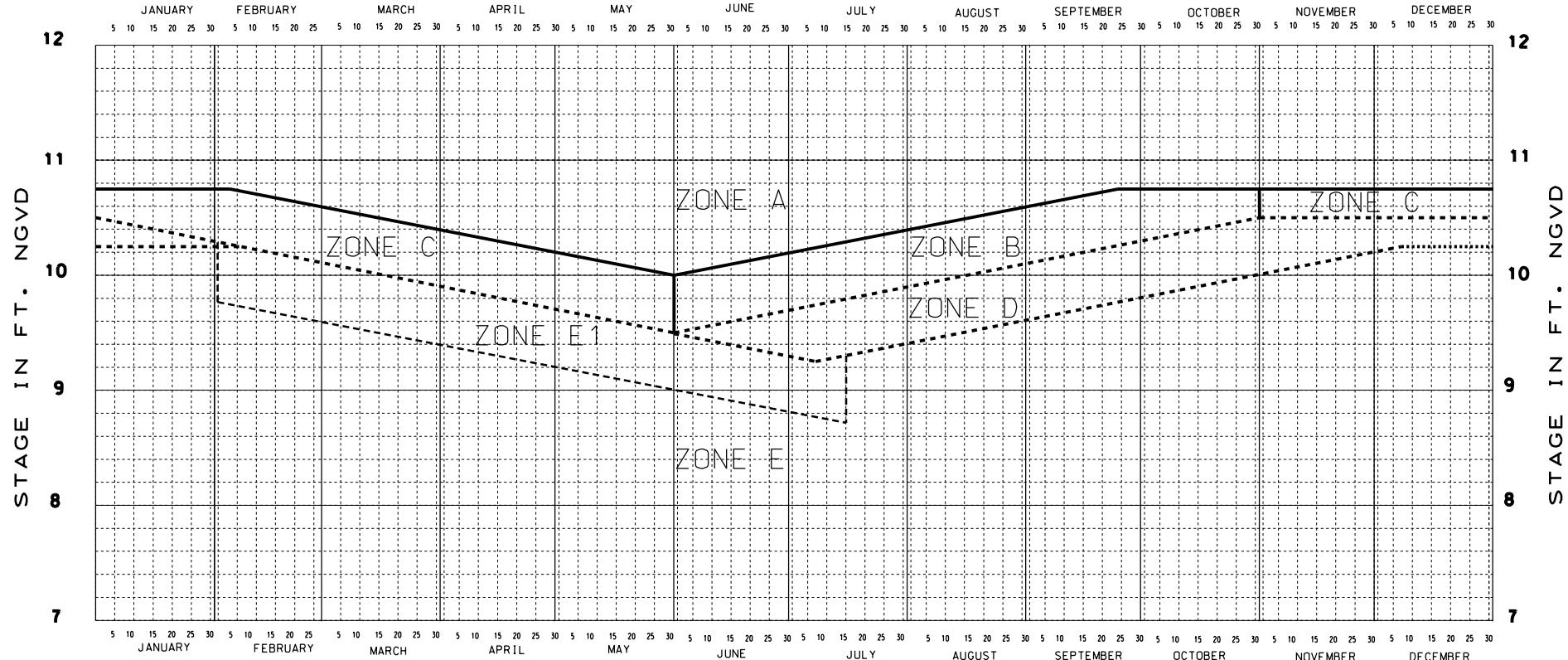
INDICATOR GAGES FOR REGULATION		
DATE	USE GAGE	CONDITIONS
1 JAN - 31 JAN	2-17	IF 2-17 STAGE RECEDES TO 11.5 FEET, NGVD SWITCH TO S-11B HEADWATER GAGE.
1 FEB - 30 JUN	S-11B	ALL
1 JUL - 31 DEC	2-17	ALL

CENTRAL AND SOUTHERN FLORIDA  
INTERIM REGULATION SCHEDULE

## WATER CONSERVATION AREA NO. 2A

DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

ZONE E1 TEMPORARY DEVIATION 2000 CSSS BREEDING SEASON



ZONE	DESCRIPTION
A	FLOOD RELEASES
B	UPPER TRANSITION, WET SEASON
C	UPPER TRANSITION, DRY SEASON
D	LOWER TRANSITION

NOTE: ZONE INFORMATION IS DETAILED ON ATTACHED SHEET

ZONE	DESCRIPTION
E1	MAKE MAXIMUM PRACTICABLE RELEASES AT S-142, S-151, S-31, S-337, S-333, S-355 A & B, AND S-334 WHEN PERMITTED BY DOWNSTREAM CONDITIONS. IN THIS ZONE, S-12D HW STAGE SHOULD NOT BE DRAWDOWN BELOW 8.25 FT-NGVD.  NOTE: THESE OPERATIONS CAN ALSO BE USED UNTIL 15 JULY 2000 IF WCA 3A STAGE IS IN ZONE B, C OR D.
E	L-67A BORROW CANAL STAGE SHOULD NOT BE DRAWDOWN BELOW 7.5 FEET, NGVD UNLESS WATER SUPPLIED FROM ANOTHER SOURCE.

CENTRAL AND SOUTHERN FLORIDA  
INTERIM REGULATION SCHEDULE  
  
WATER CONSERVATION AREA NO. 3A  
  
DEPARTMENT OF THE ARMY, JACKSONVILLE DISTRICT  
CORPS OF ENGINEERS, JACKSONVILLE, FLORIDA  
Date revised: January 2000

**WCA No. 3A STURCTURE OPERATNG GUIDELINES DURING ISOP OPERATIONS**

<b>ZONE</b>	<b>S-12</b>	<b>S-333 / S-355A&amp;B</b>	<b>S-151</b>	<b>S-343A / S-343B / S-344</b>
<b>ZONE A</b>	Normally Zone A requires that S-12 A - D be opened full. Under the ISOP it may be necessary to close S-12A and S-12B.	Maximum allowable discharge provided G-3273 < 6.8 ft-NGVD or capacity is available via S-334/SDCS When practicable, operate the S-333 tailwater at 8.0 feet or less, however this is not an absolute maximum stage	Maximum allowable discharge when WCA 3B stage is below 8.5 feet, NGVD	Maximum allowable discharge if no downstream problems <b>Do not use during Spring 2000</b> <b>Due to CSSS downstream</b>
<b>ZONE B</b>	Discharge 45% of computed flow If S-333 is closed or discharging less than 28% of computed flow, S-12 must discharge at least 73% of computed flow. (up to 100% of computed flow if desired by ENP, unless following provision of the ISOP then close accordingly. March through 15 July see Zone E1	Discharge up to 55% of computed flow when permitted and for water supply to ENP-South Dade Conveyance System proved G-3273 is <= 6.8 ft-NGVD, or following provisions of the ISOP March through 15 July see Zone E1	Maximum allowable discharge when WCA 3B stage is below 8.5 feet, NGVD March through 15 July see Zone E1	Maximum allowable discharge if no downstream problems <b>Do not use during Spring 2000</b> <b>Due to CSSS downstream</b>
<b>ZONE C</b>	Discharge as per the ISOP which allows flexibility to close S-12 structures if discharge poses a threat to CSSS nesting area March through 15 July see Zone E1	Same as Zone B March through 15 July see Zone E1	Maximum allowable discharge when WCA 3B stage is below 8.5 feet, NGVD March through 15 July see Zone E1	Maximum allowable discharge if no downstream problems <b>Do not use during Spring 2000</b> <b>Due to CSSS downstream</b>
<b>ZONE D</b>	Same as zone C	Same as zone B	Water Supply discharges to East Coast and ENP South Dade Conveyance System as needed.	Normally closed <b>Do not use during Spring 2000</b> <b>Due to CSSS downstream</b>
<b>ZONE E</b>	No regulatory releases in this zone. L67 A borrow canal should not be drawdown below 7.5 ft, unless water supply is delivered	No regulatory releases in this zone. Use S-333 to make water supply deliveries as required	Water Supply discharges to East Coast and ENP South Dade Conveyance System as needed.	Normally closed <b>Do not use during Spring 2000</b> <b>Due to CSSS downstream</b>
<b>ZONE E1</b>	Minimize the use of the S-12's. S-12D HW should not be drawn-down below 8.5 ft-NGVD.	Make maximum practicable releases at S-142, S-151, S-31, S-337, S-335, S-333,S-355 A&B, and S-334 when permitted by downstream conditions		Normally closed <b>Do not use during Spring 2000</b> <b>Due to CSSS downstream</b>

**Note: The Zone E1 ops can also be used until 15 July 2000 if WCA-3A stage is in Zone B, C, or D. If needed for CSSS.**

## Western Marl Prairie Habitat

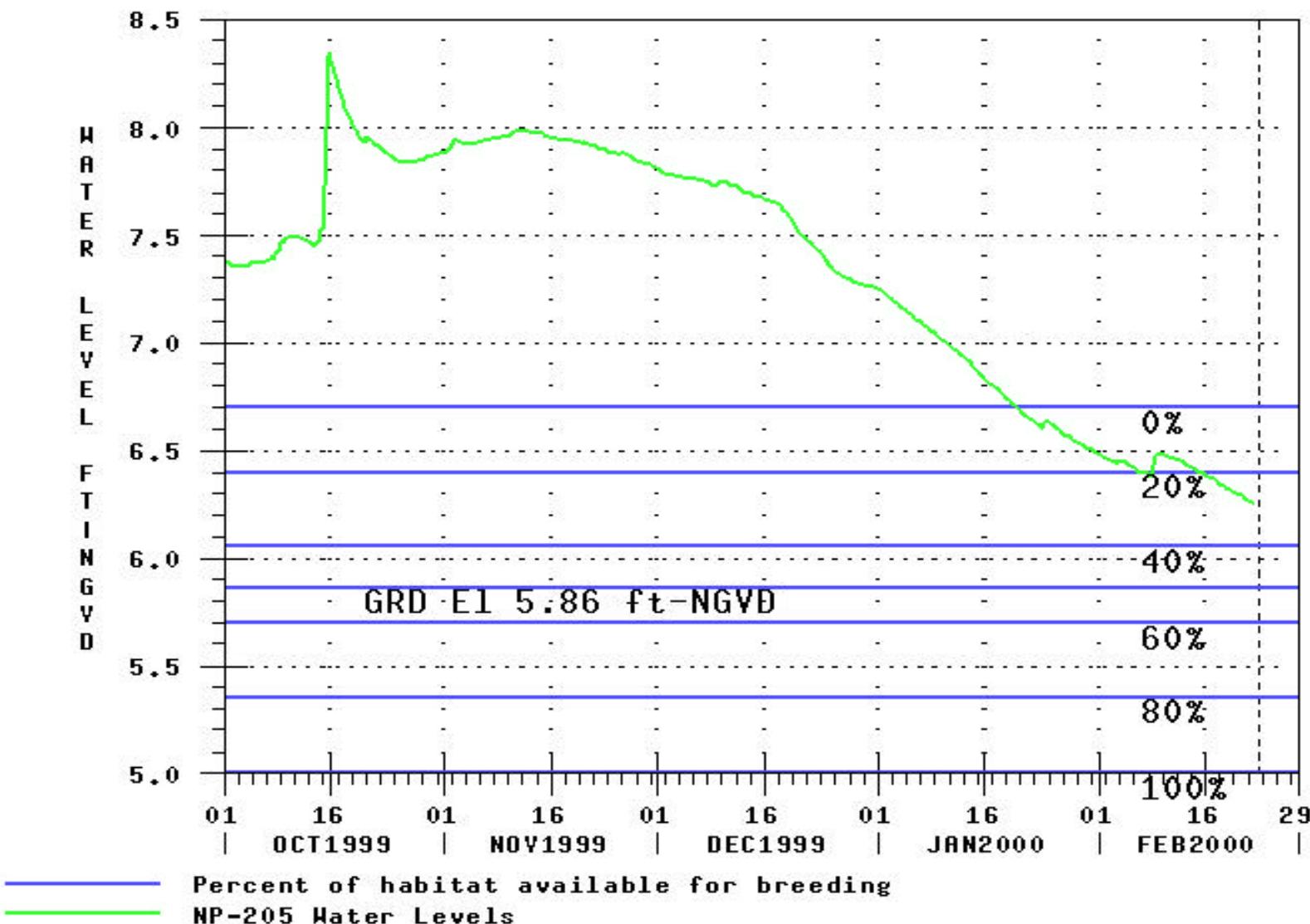


Figure 4: Water levels in Western Sparrow habitat needs to be at elevation 6.0 ft NGVD by March 1, 2000, current water level is 6.25 ft NGVD (02/23/2000).

## Water Conservation Area #3A

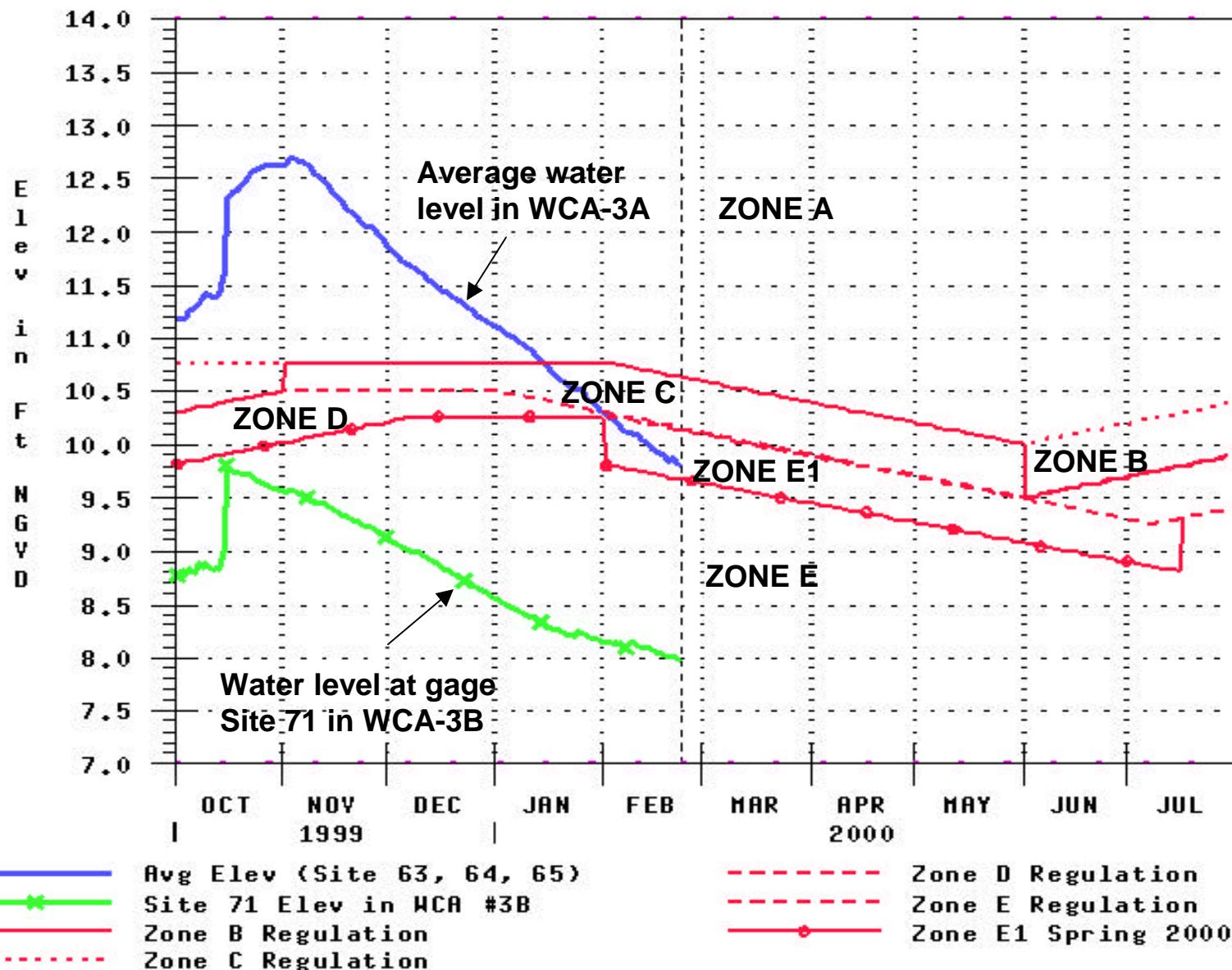


Figure 5: Water levels in Water Conservation Area 3A, with Zone E1 temporary Deviation for Spring 2000. Site 71 represent water level in WCA-3B.

## Water Conservation Area #2A

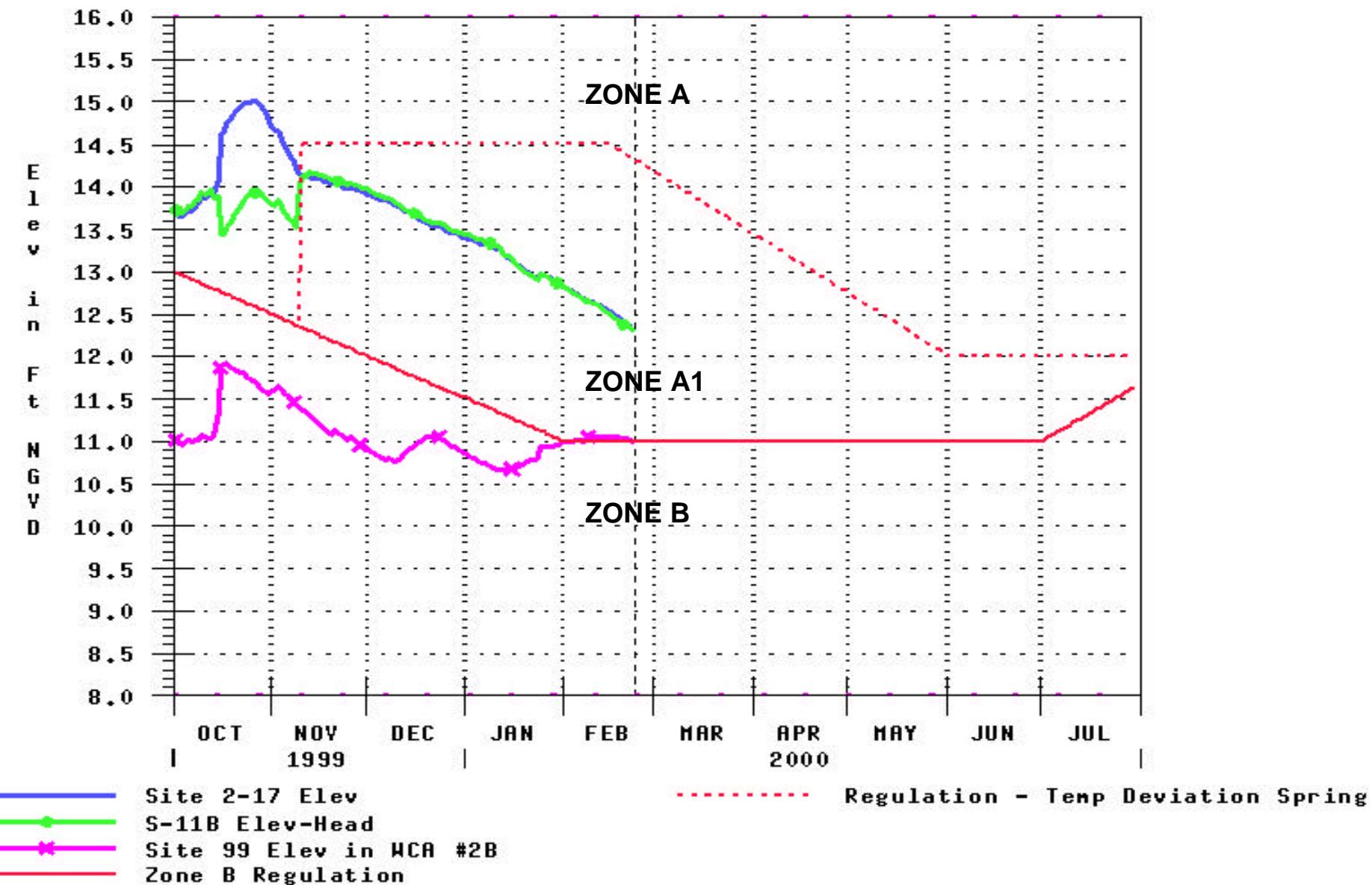


Figure 6: Water levels in Water Conservation Area 2A, with temporary Deviation, Zone A1 for ISOP 2000.

## Water Cons. Area #2A Compared to 1963-1998 Exceedance Statistics

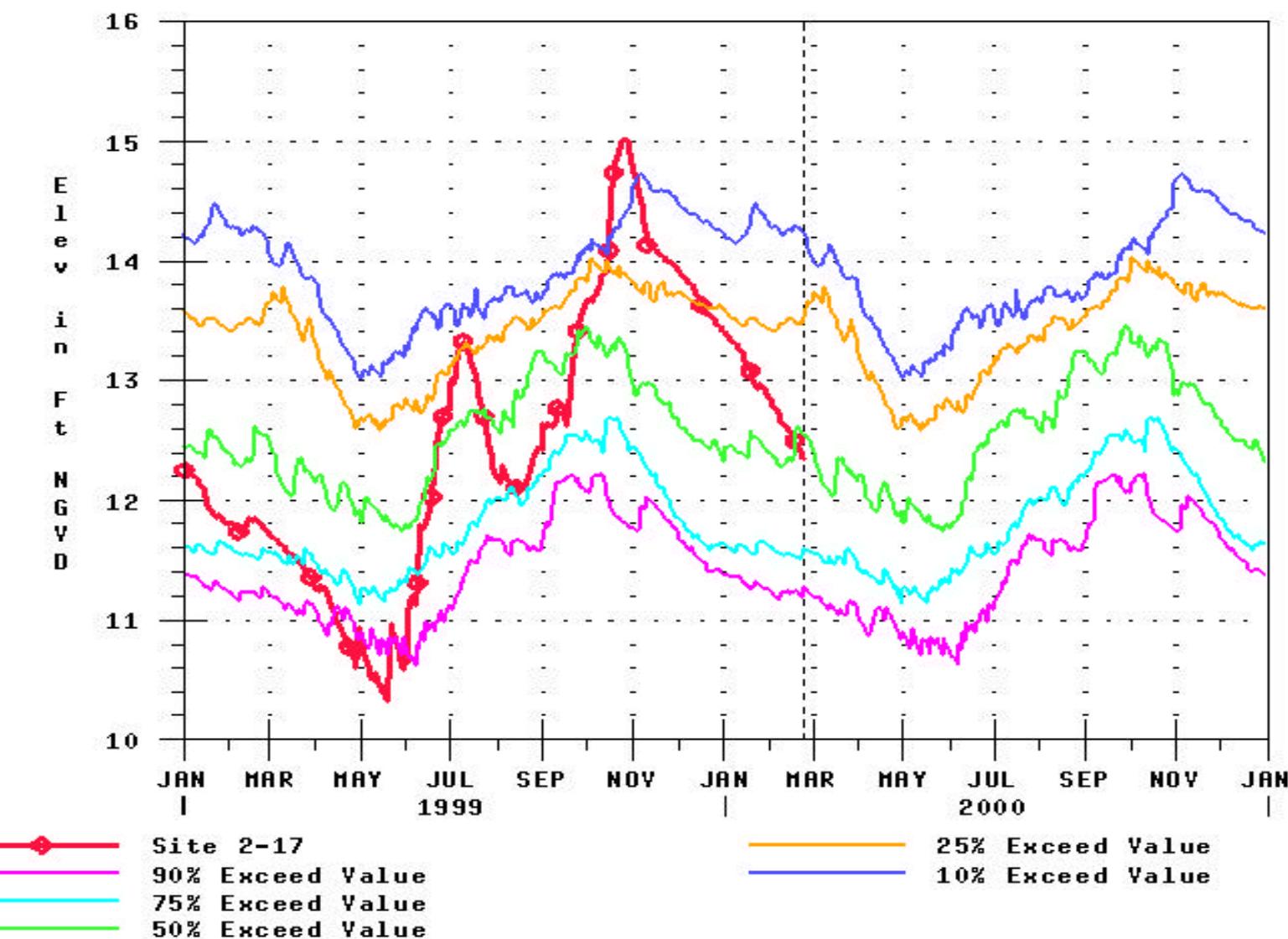


Figure 6a: Current water levels in Water Conservation Area 2A compared to historical water levels. Water levels are above the current regulation schedule, however based on historical water levels, WCA-2A stage is about average for this time of year.

## Groundwater Levels 8.5 SMA & East Everglades

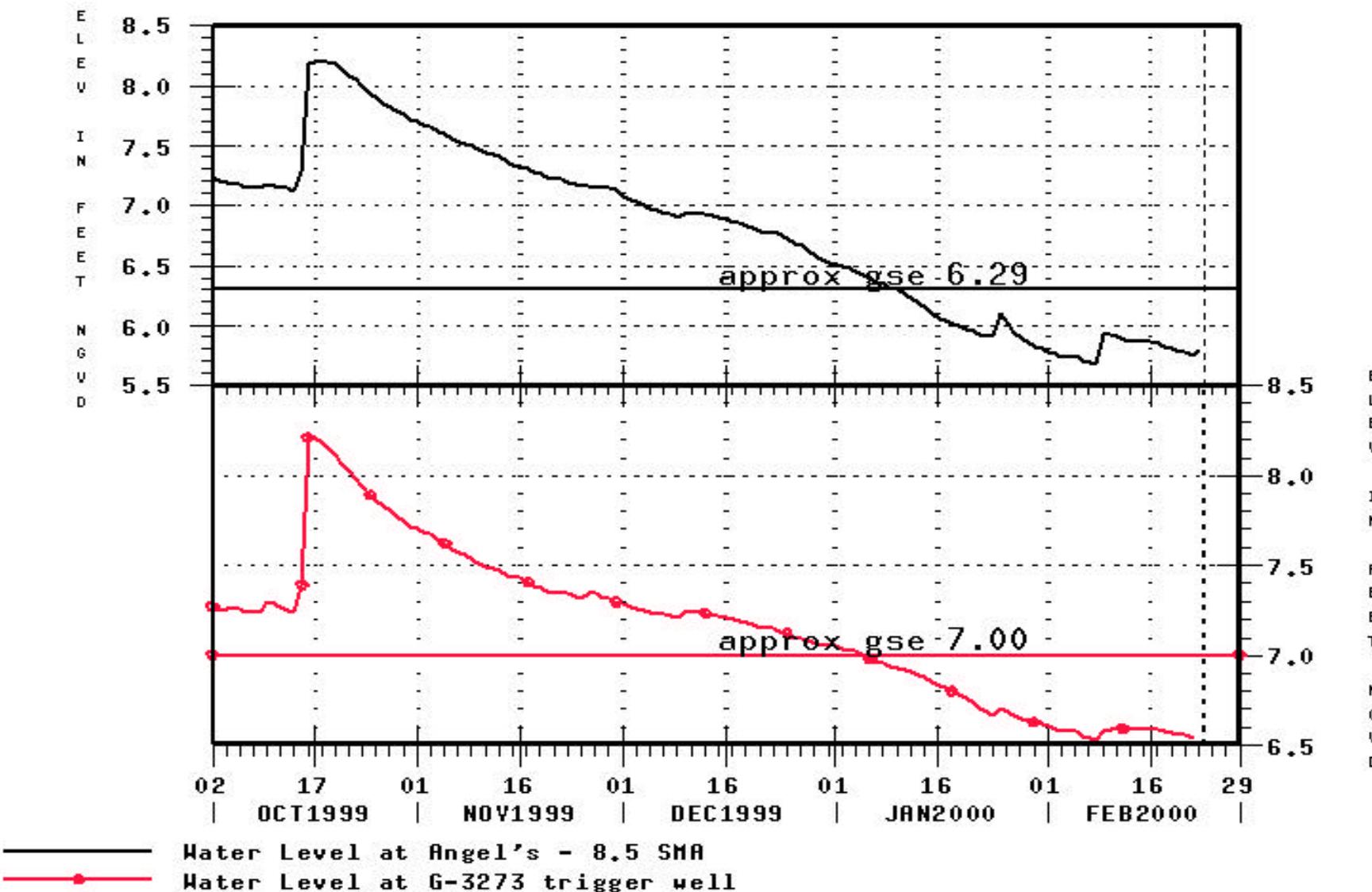
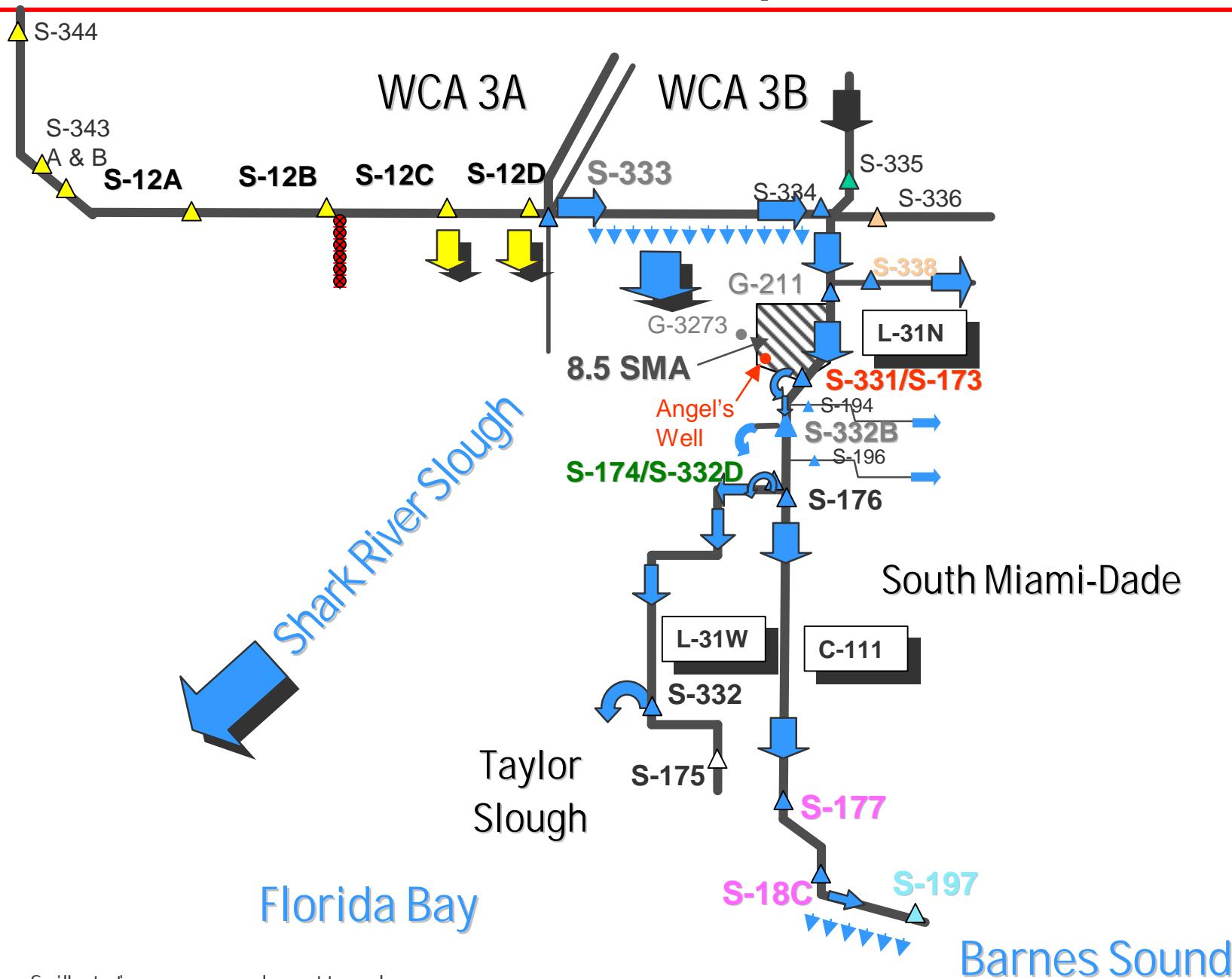


Figure 7 & 8: Water levels in 8.5 Square Mile Area represented by Angel's Well (top figure) and East Everglades represented by the trigger well for S-333 operation, G-3273 (bottom figure).

# Interim Structural and Operational Plan



Drawing for illustration purposes only - not to scale